

ABSTRACT

The invention relates to plastic articles comprising stainless steel fibers obtained by bundled drawing of stainless steel wires embedded in a matrix material. The composition of the stainless steel fibers
5 comprises iron and the following components expressed in percent by weight : $C \leq 0.05 \%$, $Mn \leq 5\%$, $Si \leq 2 \%$, $8 \leq Ni \leq 12 \%$, $15 \leq Cr \leq 20 \%$, $Mo \leq 3 \%$, $Cu \leq 4 \%$, $N \leq 0.05 \%$, $S \leq 0.03 \%$ and $P \leq 0.05 \%$.